Amendments to the Claims:

Please cancel claims 1-17 without disclaimer or prejudice to applicants' right to pursue the subject matter of these claims in a future divisional or continuation application.

Please add new claims 32-60 as set forth below.

Claims 1-17. (Cancelled)

Claims 18-31. (Previously Cancelled)

32. (New) A multi-lumen catheter assembly comprising:

(a) a multi-lumen tube portion having a proximal end and a distal end;

(b) a distal portion comprising a plurality of distal single-lumen tubes, each distal single-lumen tube having a proximal end and a distal end, the proximal end of each distal single-lumen tube being permanently connected to the distal end of the multi-lumen tube portion such that the lumen of each distal single-lumen tube is in fluid communication with one of the lumens of the multi-lumen tube portion;

(c) a proximal portion comprising a plurality of single-lumen tubes, each proximal single-lumen tube having a distal end and a proximal end, the distal end of each proximal single-lumen tube being permanently connected to the proximal end of the multi-lumen tube portion such that the lumen of each proximal single-lumen tube is in fluid communication with one of the plurality of lumens of the multi-lumen tube portion; and

a plurality of extension members, each extension member configured at a proximal end thereof to be attachable to one of the distal single-lumen tubes and configured at a distal end thereof for connection to a fluid exchange device.

33. (New) The multi-lumen catheter assembly according to Claim 32, wherein each lumen of the multi-lumen tube portion is in fluid communication with the lumen of one of the distal single-lumen tubes and the lumen of one of the proximal single-lumen tubes, thereby defining a flow path through the catheter.

34. (New) The multi-lumen catheter assembly according to Claim 32, wherein the multi-lumen tube portion includes two lumens, the distal portion includes two distal single-lumen tubes, and the proximal portion includes two proximal single-lumen tubes.

35. (New) The multi-lumen catheter assembly according to Claim 34 further comprising a connector adapted to receive and hold the distal ends of the distal single-lumen tubes.

36. (New) The multi-lumen catheter assembly according to Claim 35 wherein the connector further comprises means for attaching the connector to a trocar.

37. (New) The multi-lumen catheter assembly according to Claim 35 further comprising a sheath that may be disposed over at least a portion of the distal ends of the two distal single-lumen tubes and at least a portion of the connector.

38. (New) The multi-lumen catheter assembly according to Claim 32 wherein the multi-lumen tube portion, the distal single-lumen tubes, and the proximal single-lumen tubes are comprised of a fusible material, and the distal single-lumen tubes and proximal single-lumen tubes are respectively fused to the distal and proximal ends of the multi-lumen tube portion.

39. (New) The multi-lumen catheter assembly according to Claim 32 wherein the distal

single-lumen tubes have a substantially round cross-section over at least a portion of their length.

40. (New) The multi-lumen catheter assembly according to Claim 32 wherein the proximal single-lumen tubes have a substantially D-shaped cross-section over at least a portion of their length.

41. (New) The multi-lumen catheter assembly according to Claim 32 wherein the distal single-lumen tubes have a substantially round cross-section over at least a portion of their length and the proximal single-lumen tubes have a substantially D-shaped cross-section over at least a portion of their length.

42. (New) The multi-lumen catheter assembly according to Claim 32 wherein at least one of the proximal single-lumen tubes is shorter in length than at least one other proximal single-lumen tube.

43. (New) The multi-lumen catheter assembly according to Claim 32 further including a stabilizing cuff affixed to an outer portion of the multi-lumen tube.

44. (New) The multi-lumen catheter assembly according to Claim 32 wherein the proximal end of each extension member comprises a cannula configured to be inserted into the single-lumen of one of the distal single-lumen tubes.

45. (New) The multi-lumen catheter assembly according to Claim 44 wherein each extension member further comprises a mating compression fitting and a tube portion, wherein a proximal end of the mating compression fitting is rigidly attached to the cannula,

a distal end of the mating compression fitting is rigidly attached to a proximal end of the tube portion and the mating compression fitting allows fluid communication between the cannula and the tube portion.

46. (New) The multi-lumen catheter assembly according to Claim 45 wherein the mating compression fitting further comprises a threaded connection portion adjacent the proximal end thereof and the extension member further comprises a connector hub having a central lumen of a diameter whereby the distal single-lumen tube of the catheter may be slideably received in the central lumen of the connector hub, the connector hub also comprising a connection portion mateable with the threaded connection portion of the mating compression fitting.

47. (New) The multi-lumen catheter assembly according to Claim 32, wherein each of the proximal single-lumen tubes includes a tube wall, and each of the proximal single-lumen tubes includes at least one opening extending through its tube wall.

48. (New) The multi-lumen catheter assembly according to Claim 32, wherein an external portion of at least one of the distal single-lumen tubes includes indicia, the indicia indicating a discrete flow path through the catheter.

49. (New) The multi-lumen catheter assembly according to Claim 32 wherein the proximal single-lumen tubes are two in number and have longitudinal axes which intersect at an included angle in a free state, the included angle being in a range from about 10 degrees to about 30 degrees.

50. (New) A dual-lumen catheter comprising:

(a) a dual-lumen tube portion having a proximal end and a distal end;

(b) a distal portion comprising two distal single-lumen tubes, each distal single-lumen tube having a proximal end and a distal end, the proximal end of each distal single-lumen tube extending from the distal end of the dual-lumen tube portion such that the lumen of each distal single-lumen tube is in fluid communication with one of the lumens of the dual-lumen tube portion; and

(c) a proximal portion comprising two proximal single-lumen tubes, each proximal single-lumen tube having a proximal end and a distal end, the distal end of each proximal single-lumen tube extending from the proximal end of the dual-lumen tube portion such that the lumen of each proximal single-lumen tube is in fluid communication with one of the lumens of the dual-lumen tube portion.

51. (New) The dual-lumen catheter of according to Claim 50, wherein the dual-lumen tube portion, the distal single-lumen tubes and the proximal single-lumen tubes are integral with each other.

52. (New) The dual-lumen catheter of according to Claim 51, further comprising a plurality of extension members, each extension member configured at a proximal end thereof to be attachable to one of the distal single-lumen tubes and configured at a distal end thereof for connection to a fluid exchange device.

53. (New) The dual-lumen catheter of according to Claim 50, further comprising two extension members comprising:

(i) a cannula at the proximal end of the extension member configured to be inserted into and retained by the single-lumen of one of the distal single-lumen

tubes;

(ii) a mating compression fitting; and

(iii) a tube portion,

wherein a proximal end of the mating compression fitting is rigidly attached to the cannula, a distal end of the mating compression fitting is rigidly attached to a proximal end of the tube portion and the mating compression fitting allows fluid communication between the cannula and the tube portion.

54. (New) The dual-lumen catheter according to Claim 53 wherein a distal end of the tube portion comprises means for connecting the tube portion to a fluid exchange device.

55. (New) The dual-lumen catheter according to Claim 53 wherein the mating compression fitting further comprises a threaded connection portion adjacent the proximal end thereof and the extension member further comprises a connector hub having a central lumen of a diameter such that the distal single-lumen tube of the catheter may be slideably received in the central lumen of the connector hub, the connector hub also comprising a connection portion mateable with the threaded connection portion of the mating compression fitting.

56. (New) The dual-lumen catheter according to Claim 50 wherein the dual-lumen tube portion, the distal single-lumen tubes, and the proximal single-lumen tubes are comprised of a fusible material, and the distal single-lumen tubes and proximal single-lumen tubes are respectively fused to the distal and proximal ends of the dual-lumen tube portion.

57. (New) The dual-lumen catheter according to Claim 50 wherein the distal single-lumen tubes have a substantially round cross-section over at least a portion of their

length.

58. (New) The dual-lumen catheter according to Claim 57 wherein the at least one of the proximal single-lumen tubes is shorter in length than at least one other proximal single-lumen tube.

59. (New) The dual-lumen catheter according to Claim 50 further including a stabilizing cuff affixed to an outer portion of the dual-lumen tube.

60. (New) A multi-lumen catheter comprising:

(a) a multi-lumen tube portion having a proximal end and a distal end;

(b) a distal portion comprising a plurality of distal single-lumen tubes, each distal single-lumen tube having a proximal end and a distal end, the proximal end of each distal single-lumen tube being permanently connected to the distal end of the multi-lumen tube portion such that the lumen of each distal single-lumen tube is in fluid communication with one of the lumens of the multi-lumen tube portion;

(c) a proximal portion comprising a plurality of single-lumen tubes, each proximal single-lumen tube having a distal end and a proximal end, the distal end of each proximal single-lumen tube being permanently connected to the proximal end of the multi-lumen tube portion such that the lumen of each proximal single-lumen tube is in fluid communication with one of the plurality of lumens of the multi-lumen tube portion.